

## **PATTERNED MEDIA HAVING OFFSET TRACKS**

### **ABSTRACT OF THE DISCLOSURE**

An information recording system includes a storage medium, such as a magnetic or  
5 an optical medium, that is formed to have a plurality of adjacent tracks. Each track includes  
a plurality of storage elements that are arranged substantially along the track in a regular  
manner. A head disposed in proximity to the storage medium and has a width that spans at  
least two adjacent tracks. The storage elements are further arranged substantially along first  
and second axes, such that the first and second axes are substantially perpendicular to each  
10 other and are each substantially oriented 45° from an along-track direction associated with a  
track. The head reads and/or writes information from at least two adjacent tracks spanned by  
the head.